

**Barley Coordinated Agricultural Project Workplan FY06  
FY06 (4/1/06 – 9/30/06)**

**Peggy G. Lemaux and Barbara Alonso, University of California, Berkeley**

In year one we will:

- 1) Prepare a logo for BarleyCAP (first 6 months)
- 2) Prepare and print a one-page brochure for BarleyCAP (first 6 months, presuming sufficient information exchange occurs from researchers to enable us to do this)
- 3) Prepare a poster for BarleyCAP, based on the brochure, and upload to website for download by users (first 6-8 months)
- 4) Help to prepare the graphics for an introductory Powerpoint presentation based on the brochure and poster (6-12 months)
- 5) Work with others to prepare one introductory Breeze presentation - as time permits and as sufficient information exchange takes place to enable us to do this intellectually and technically (6-12 months)

# Barley Coordinated Agricultural Project Biannual Progress Report FY06 (4/1/06 – 9/30/06)

Peggy G. Lemaux and Barbara Alonso, University of California, Berkeley

## 1) Describe the research, education, and outreach activities you completed in the first half of the FY06 (4/1/06 – 9/30/06)

Research Not applicable.

Education The nontechnical poster was designed for the general public and will work nicely for introducing the concepts of BarleyCAP in educational venues. The text was shortened from the technical poster (see below) and put in layman's terms to make it easier to be used for general educational opportunities. The center panel highlights three of the target traits being focused on by BarleyCAP research - agronomic performance, disease resistance, and food and malt quality.

Outreach An informational card was created for Kevin Smith to distribute at the American Society for Brewing Chemists' meeting in June. The card has been provided to BarleyCAP members for dissemination at other meetings as well. It describes the main goals of BarleyCAP and the locations of the participants.



A technical and a nontechnical poster were designed to aid in outreach efforts. The goal of both posters is to present the main objectives of the Barley CAP participants, and to be colorful, eye-catching, and easy to understand.



The technical poster was initially created for Kevin Smith, and was presented at the American Society for Brewing Chemists in June. We wanted to create a poster that included images that related directly to BarleyCAP efforts, as well as images we obtained from the USDA's image database which would complement the text. We included sections explaining what BarleyCAP is, the institutions involved, and the different technologies to be used to achieve its goals.

Some of the sections featured include marker-assisted selection, genomics and a centralized marker and trait database. The center panel was devoted for Kevin Smith's poster to BarleyCAP's efforts to identify markers for malting quality, as that is something of great concern to grower audiences. The text was prepared by Peggy G. Lemaux (UC Berkeley), Gary Muehlbauer, Kevin Smith and Brian Steffenson (University of Minnesota), and distills the BarleyCAP's goals in a clear and concise way.

The nontechnical poster was designed for the general public. The text of the technical poster was shortened and put in layman's terms to make it easy for the general public to read. The center panel highlights three of the target traits being focused on by BarleyCAP research - agronomic performance, disease resistance, and food and



malt quality – along with images to reinforce the goals. The nontechnical poster was laminated and sent to Ed Kaleikau (USDA-CSREES) for display at the USDA building in Washington, DC.

Both posters are available for download to BarleyCAP members in the outreach section of the website, both in PDF formats as well as a version in Powerpoint which can be revised to change the title and center panels as appropriate for the venue/audience.

Currently a tri-fold brochure, based on the nontechnical poster, is being created as a handout that can be used with the posters.

**2) List specific outcomes and deliverables accomplished in the first half of FY06 (4/1 – 9/30).**

- Created logo for BarleyCAP
- Created and printed informational card to be used for dissemination at meetings
- Created two posters, one geared towards a technical audience, and a non-technical poster for the general public
- Several posters were printed, laminated and used at educational/outreach venues by BarleyCAP members
- Nontechnical poster was laminated and sent to Ed Kaleikau for display at the main USDA building in Washington, DC
- In the process of creating a tri-fold brochure